



MUCOSAL IMMUNOLOGY - A TRANSLATIONAL VIEW INTO THE CLINIC

July 6-8, 2023

Symposium 234

POTSDAM, GERMANY



APPLICATION
FOR
CME
CREDITS
SUBMITTED

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An application has been made to the UEMS EACCME® for CME accreditation of this event. The number of credits awarded will be printed in the final program.

PREFACE



Dear colleagues,

It is an extraordinary pleasure to be able to offer a discussion and exchange forum for translational mucosal immunology in Potsdam this year and by this introduce a novel meeting format.

“Mucosal Immunology - A Translational View Into The Clinic” is a meeting that is dedicated to provide plenty of room for discussion and exchange in particular. In addition to classical key note lectures designed to introduce a thematic block, followed by further lectures on this topic, method discussions and poster pitches will set the frame for intense exchange.

Thematically, the most current topics for translation in the field of inflammatory bowel diseases will be addressed during the three days. This includes the intestinal barrier, the importance of single cell populations, systems biology, the enteric nervous system, fibrosis, environmental factors, organoid techniques as well as nutritional strategies. We are pleased that we have been able to attract international experts for these topics, who will undoubtedly contribute to the success of this format in the wonderful surroundings of Potsdam.

We are looking forward to welcoming you all in Potsdam in July.

Raja Atreya

Axel Dignass

Britta Siegmund

Gerhard Rogler

MUCOSAL IMMUNOLOGY – A TRANSLATIONAL VIEW INTO THE CLINIC

July 6-8, 2023

Scientific Organization:

Prof. Dr. Raja Atreya, Erlangen
Prof. Dr. Axel Dignass, Frankfurt
Prof. Dr. Britta Siegmund, Berlin
Prof. Dr. Gerhard Rogler, Zurich

Congress Venue:

Dorint Hotel Sanssouci
Jägerallee 20
14469 Potsdam
Germany

For admission to scientific events your name badge should be clearly visible. Accompanying persons are not permitted during the conference at any time.

Call for Posters:

A poster session will be held.
For details see page 15.

Start of Registration:

Thursday, July 6, 2023
12:30-18:30 h
at the congress office

Poster Session Set-up:

Thursday, July 6, 2023
13:00-14:00 h

Publication Date of the Final Program:

June 2023

The final program will be available on the website www.falkfoundation.org one week before the start of the symposium.

Thursday, July 6, 2023

13:45 Welcome and opening remarks
Raja Atreya, Erlangen; Axel Dignass, Frankfurt; Britta Siegmund, Berlin; Gerhard Rogler, Zurich

SESSION I

Epithelial Barrier – Microbiome a delicate interplay

Chairs: *Claudia Günther, Erlangen; Holm Uhlig, Oxford*

14:00 Keynote lecture I: Tryptophan metabolites as central regulators in IBD
Harry Sokol, Paris

14:30 Inflammation, microbiota and colorectal cancer formation
Michael Scharl, Zurich

14:50 The intestinal microbiome in IBD – target or biomarker
Melanie Schirmer, Freising

15:10 Failing repair mechanism in intestinal inflammation
Konrad Aden, Kiel

15:30 **Coffee break with poster session**

SESSION II

Poster pitches session

Chairs: *Jay Patankar, Erlangen; Melanie Schirmer, Freising*

16:20 10 poster pitches (each 3' pitch plus 2' discussion)

Thursday, July 6, 2023

SESSION III

Methods and challenges

Chairs: *Eva Rath, Freising; Michael Scharl, Zurich*

17:15 Overview talk: Intestinal organoids
Claudia Günther, Erlangen

17:30 Panel discussion

POSTER AWARD SESSION

18:00 Presentation of poster awards

SESSION IV

Exposome

Chairs: *Konrad Aden, Kiel; Julian Schwärzler, Innsbruck*

18:15 Keynote lecture II: Exposome – regulating IBD
Gerhard Rogler, Zurich

18:45 Welcome dinner with light refreshments

Friday, July 7, 2023

SESSION V

Dietary strategies

Chairs: *Michael Schumann, Berlin; Harry Sokol, Paris*

09:00 Keynote lecture III: Environmental factors shaping the gut microbiome
Rinse K. Weersma, Groningen

09:30 Dietary-factors driving gut inflammation
Julian Schwärzler, Innsbruck

09:50 Celiac disease and other inflammatory food sensitivities
Detlef Schuppan, Mainz

10:10 Diet as modulator of intestinal inflammation
Hans Herfarth, Chapel Hill

10:30 **Coffee break with poster session**

Friday, July 7, 2023

SESSION VI

The enteric nervous system is there more

Chairs: *Timothy W. Hand, Pittsburgh*

11:20 IBD-mediated changes in the ENS, cause or consequence
Jay Patankar, Erlangen

11:40 ENS-mediated changes in intestinal barrier
Michael Schumann, Berlin

12:00 Enteric nervous system and interaction with intestinal macrophages
Guy E. Boeckxstaens, Leuven

12:20 Choroid plexus and intestinal inflammation – a novel connection?
Sara Carloni, Milan

12:40 Panel discussion

13:00 **Lunch break with poster session**

Friday, July 7, 2023

SESSION VII

Systems biology, single cell analysis – guiding the future

Chairs: *Raja Atreya, Erlangen; Judy Cho, New York*

14:00 Keynote lecture IV: Life time consortium – single cell analysis & more
Philip Rosenstiel, Kiel

14:30 The transcriptional landscape in IBD
Geert D'Haens, Amsterdam

14:50 Artificial intelligence – supporting diagnosis of IBD?
Sebastian Zundler, Erlangen

15:10 Single cell approaches in predicting response to therapy
Ahmed N. Hegazy, Berlin

15:30 Genomics of responses to targeted therapies
Stefan Schreiber, Kiel

15:50 **Coffee break with poster session**

Friday, July 7, 2023

SESSION VIII

Poster pitches session

Chairs: *Lea M. Haag, Berlin; Alison Simmons, Oxford*

16:20 10 poster pitches (each 3' pitch plus 2' discussion)

SESSION IX

Fibrosis

Chairs: *Hans Herfarth, Chapel Hill; Gerhard Rogler, Zurich*

17:15 Overview talk: Fibrogenesis in IBD – From mechanism of action to therapeutic approaches
Florian Rieder, Cleveland

17:30 Panel discussion

POSTER AWARD SESSION

18:00 **Presentation of poster awards**

SESSION X

Preventive Strategies

Chairs: *Axel Dignass, Frankfurt; Britta Siegmund, Berlin*

18:15 Keynote lecture V: Preclinical disease and preventive strategies in IBD
Jean-Frederic Colombel, New York

18:45 **Networking with light refreshments**

Saturday, July 8, 2023

SESSION XI

Cell populations – clinical

Chairs: *Ahmed N. Hegazy, Berlin; Carl Weidinger, Berlin*

09:00 Keynote lecture VI: Impact of stromal cells for IBD
Alison Simmons, Oxford

09:30 Targeting B cells in IBD: An overlooked cell population?
Saurabh Mehandru, New York

09:50 Unique cellular modules identified in IBD
Judy Cho, New York

10:10 Targeting the vascular and lymphocytic endothelium
Michael Stürzl, Erlangen

10:30 Regulation of tissue-resident memory T cells by the Microbiota
Timothy W. Hand, Pittsburgh

10:50 Tregs on the way to the clinic
Caroline Bosch-Voskens, Erlangen

11:10 **Coffee break with poster session**

Saturday, July 8, 2023

SESSION XII

Last but not least: the organizers pick!

Chairs: *Raja Atreya, Erlangen; Britta Siegmund, Berlin*

11:40 Impeding lymph flow – driver of IBD?
Gwendalyn J. Randolph, St. Louis

12:00 Mitochondria – therapeutic target in IBD
Eva Rath, Freising

12:20 Very early onset IBD - can we translate diagnostic and therapeutic concepts?
Holm Uhlig, Oxford

12:40 Final discussion

13:00 Closing words

LIST OF SPEAKERS, MODERATORS AND SCIENTIFIC ORGANIZERS

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POSTER SESSION

Posters will be exhibited on July 6-8, 2023. The authors will be in attendance during coffee and lunch breaks on both days. Posters can be set up starting on Thursday, June 1, 2023 at 12:00 h. We request that all posters be set up on Thursday.

CALL FOR POSTERS

Please submit your poster abstract before May 17, 2023. Only one-page abstracts not exceeding 300 words, written in English and saved in Microsoft Word format will be accepted.

Abstracts must be submitted via our Internet Abstract Submission System (<https://poster.falkfoundation.com>) where further information regarding the submission format and the submission process is available.

The abstracts will be selected by the scientific organizers, with preference being given to those

thematically related to one of the sessions of the congress. The accepted abstracts will be printed and distributed to congress participants along with the other meeting information.

Poster authors will receive notification about acceptance and further instructions in May 2023.

For the first author of an accepted poster, accommodation expenses (July 6-8, 2023) and fees for the scientific program will be covered during Symposium 233. Travel expenses will not be covered.

POSTER AWARDS

Six prizes will be awarded for the best poster presentations. Winners will be asked to give a short presentation (2-5 minutes) of their poster during the award ceremony.

Award winners will be presented with a certificate and prize money of EUR 1500, EUR 1000 and EUR 500.

Travel expenses will also be covered for the first authors of the six winning posters.

REGISTRATION

You can register for the event via our homepage:
www.falkfoundation.org

Registration is only possible online.



CONGRESS FEES

Scientific Program of Symposium 234	EUR 300
Students (copy of student ID required)	EUR 150

The congress fees include:

- Refreshments during coffee breaks
- Welcome dinner on Thursday, July 6, 2023
- Lunch on Friday and Saturday, July 7-8, 2023
- Snacks during networking on Friday, July 7, 2023
- A copy of the final program

CONGRESS OFFICE AND REGISTRATION

Opening Hours:

Thursday, July 6, 2023	12:30 - 18:30
Friday, July 7, 2023	8:00 - 18:30
Saturday, July 8, 2023	8:00 - 12:45

ARRIVAL

Dorint Hotel Sanssouci
Jägerallee 20
14469 Potsdam
Germany

By car

Parking space in the garage of the hotel.

By plane

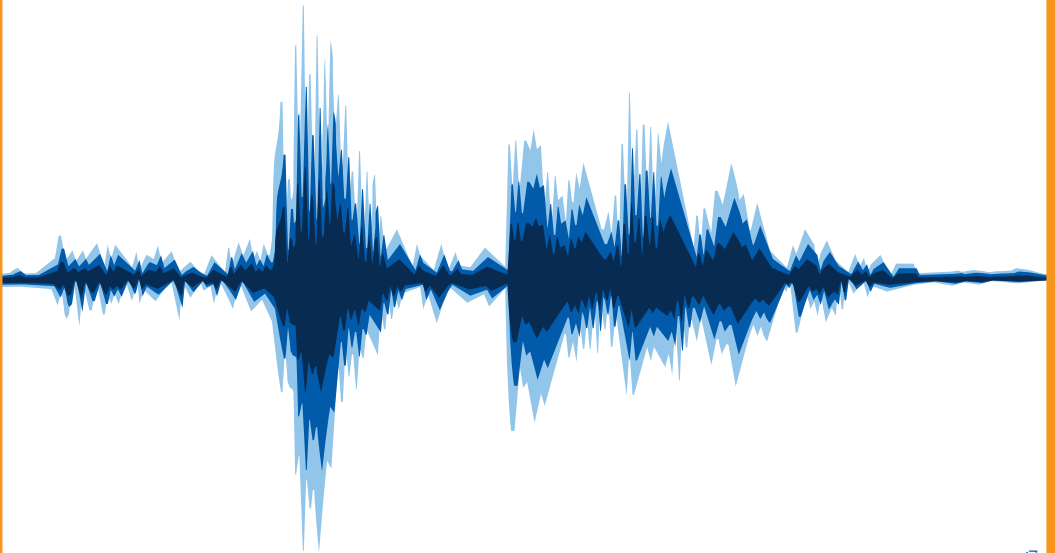
From Berlin airport BER you can get to the Dorint hotel by taxi.
The drive takes about 45 min (approx. 50 km).

By train

The main train station Potsdam is located 3,5km from the Dorint hotel.
You can take bus line 695 direction "Pirschheide". From the stop
"Reiterweg/ Jägerallee" it's a 100m walk to the hotel (15 min in total).



**Registration via www.falkfoundation.org
or simply scan and register.**



Together we know more. Together we do more.

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